

PTO/SB/21 (08-03)

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| <b>TRANSMITTAL FORM</b><br>(to be used for all correspondence after initial filing) | Application Number     | 10/618,496        |
|   | Filing Date            | July 11, 2003     |
|   | First Named Inventor   | Donald James Bone |
|   | Art Unit               |                   |
|   | Examiner Name          |                   |
| Total Number of Pages in This Submission  | Attorney Docket Number | SFC 301           |

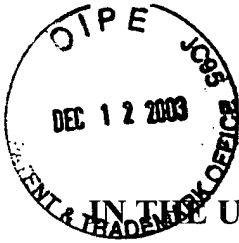
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| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT |   |
|--|---|
| Firm or Individual name                    | Anton E. Skaugset<br>Kolisch Hartwell, P.C. |
| Signature                                  | <i>Anton E. Skaugset</i>                    |
| Date                                       | December 9, 2003                            |

| CERTIFICATE OF TRANSMISSION/MAILING   |                         |      |                  |
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| I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. |                         |      |                  |
| Typed or printed name   | Pamela A. Knight        |      |                  |
| Signature   | <i>Pamela A. Knight</i> | Date | December 9, 2003 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Date: December 9, 2003

DONALD JAMES BONE

Serial No. : 10/618,496

Our File - SFC 301

Filed : July 11, 2003

For : MOSAIC CONSTRUCTION FROM A VIDEO SEQUENCE

Commissioner for Patents

P.O. Box 1450

Alexandria, Virginia 22313-1450

Sir:

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.56, 1.97, and 1.98**

Applicant is submitting this Information Disclosure Statement pursuant to 37 C.F.R. §§ 1.56, 1.97, and 1.98 to disclose to the Patent Office the patents, publications, applications, and/or other references listed on the enclosed, completed PTO-1449 form(s). The filing of this Information Disclosure Statement should not be construed as a representation that a search has been made or as an admission that the listed references are prior art for this application. Applicant respectfully requests that the listed references be expressly considered during prosecution of the application, and that the references be made of record therein and appear among the "references cited" on any patents issuing therefrom.

## CONTENT OF DISCLOSURE

This Information Disclosure Statement includes (1) two (2) pages of PTO-1449 forms, and (2) a legible copy of each foreign and non-patent reference, if any, listed on the form(s). However, because this application was filed on or after July 1, 2003, no copies of U.S. patents or published U.S. patent applications are included.

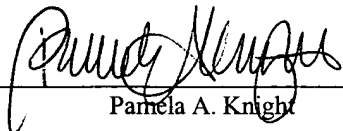
## TIMING OF DISCLOSURE / FEE INFORMATION

This Information Disclosure Statement is being filed, to the best of the undersigned's knowledge, either (1) before the mailing of a first Office action on the merits, or (2) before the mailing of a first Office action after the filing of a request for continued examination under 37 C.F.R. § 1.114. Therefore, in accordance with 37 C.F.R. § 1.97(b), no fee or statement under 37 C.F.R. § 1.97(e) is required.

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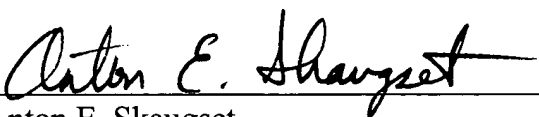
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Pamela A. Knight

Respectfully submitted,

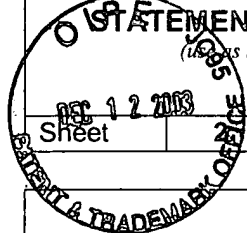
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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)



Sheet

of

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## Complete if Known

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|----------------------|----------------|
| Application Number   | 10/618,496     |
| Filing Date          | July 11, 2003  |
| First Named Inventor | Donald J. Bone |
| Art Unit             |                |
| Examiner Name        |                |
| Attorney Docket No   | SFC 301        |

## NON PATENT LITERATURE DOCUMENTS

| Examiner Initials * | Cite No <sup>1</sup> | Include name of Author (in CAPITALS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
|---------------------|----------------------|---|----------------|
|                     |                      | DAVIS, J.E., "Mosaics of Scenes with Moving Objects", <i>Proceedings of the IEEE Computer Society Conference on Computer Vision and Pattern Recognition (CVPR98)</i> , June 1998 pp.354-360, California, United States of America.                    |                |
|                     |                      | JONES, R.C., DEMENTHON, D., DOERMANN, D.S., "Building mosaics from video using MPEG motion vectors", <i>Technical Report: LAMP-TR-035/CAR-TR-918/CS-TR-4034, University of Maryland, Maryland, July 1999, United States of America.</i>               |                |
|                     |                      | PELEG, S., HERMAN, J., "Panoramic mosaics by manifold projection", <i>Proceedings IEEE Computer Society's Conference on Computer Vision and Pattern Recognition (CVPR'97)</i> , June 1997, pp.338-43, San Juan, Puerto Rico.                          |                |
|                     |                      | PILU, M., "On using raw MPEG motion vectors to determine global camera motion", <i>HPL Technical Report N. HPL-97-102</i> , Sept 1997.  |                |
|                     |                      | ROUSSO, B., PELEG, S., FINCI, I., and RAV-ACHA, A., "Universal Mosaicing using Pipe Projection", <i>International Conference on Computer Vision</i> , January 1998 India, pp. 945—952.  |                |
|                     |                      | SMOLIC, A., HOEYNCK, M., OHM, J-R., "Low Complexity Global Estimation from P-Frame Motion Vectors for MPEG-7 Applications", <i>Proceedings of IEEE International Conference on Image Processing</i> , September 2000, Vancouver, Canada.              |                |
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Sheet

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of

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## **Complete if Known**

|                      |                |
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| Applicant Number     | 10/618,496     |
| Filing Date          | July 11, 2003  |
| First Named Inventor | Donald J. Bone |
| Art Unit             |                |
| Examiner Name        |                |
| Attorney Docket No   | SFC 301        |

## **US PATENT DOCUMENTS**

| Examiner Initials | Cite No. <sup>1</sup> | Document Number                          | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|-------------------|-----------------------|--|--------------------------------|---|---|
|                   |                       | Number-Kind Code <sup>2</sup> (if known) |                                |   |   |
|                   |                       | US-05999662                              | December 7, 1999               | David Sarnoff Research Center, Inc.             |   |
|                   |                       | US-05742297                              | April 21, 1998                 | Lockheed Martin Corporation                     |   |
|                   |                       | US-05649032                              | July 15, 1997                  | David Sarnoff Research Center, Inc.             |   |
|                   |                       |  |                                |   |   |
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## **FOREIGN PATENT DOCUMENTS**

| Examiner Initials | Cite No. <sup>1</sup> | Foreign Patent Document   | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | <sup>6</sup><br>T |
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|                   |                       |   |                                | NONE  |   |                   |
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